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| FORM PTO-1449 | | Docket Number (Optional) 294G 1787-4 | | Application Number 10/028,231 | |
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | Applicant Colbert et al. | | | |
| (Use several sheets if necessary) | | Filing Date 12/21/2001 | | Group Art Unit 2881- | |
| U.S. PATENT DOCUMENTS | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | FILING DATE IF APPROPRIATE |
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| FOREIGN PATENT DOCUMENTS | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | TRANSLATION (YES/NO) |
| or | JP H06-331309 | 12/2/1994 | Japan | | |
| or | JP H06-252056 | 9/9/1994 | Japan | | |
| or | JP H07-122198 | 5/12/1995 | Japan | | |
| | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | |
| or | "Imaging steep, high structures by scanning force microscopy with electron beam deposited tips" by David J. Keller, et al., pages 333-339 in the <i>Surface Science</i> magazine published by Elsevier Science Publishers B.V. in 1992 in Holland | | | | |
| or | "New Scanning tunneling microscopy tip for measuring surface topography" by Y. Akama, et al., pages 429-433 in <i>Vac. Sci. Technol. A 8</i> published by American Vacuum Society in 1990 | | | | |
| or | "Atomic force microscopy using ZnO whisker tip" by H. Kado, et al., pages 3330-3332 in <i>Rev. Sci. Instrum</i> 63 published by American Institute of Physics in 1992 | | | | |
| or | "Helical microtubules of graphitic carbon" by Sumio Iijima, pages 56-58 in the <i>Nature</i> magazine Vo. 354 published in 1991 | | | | |
| or | "Single-shell carbon nanotubes of 1-nm diameter" by Sumio Iijima et al., pages 603-605 in the <i>Nature</i> magazine Vo. 363 published in 1993 | | | | |
| or | "Aligned Carbon Nanotube Arrays Formed by Cutting a Polymer Resin-Nanotube Composite" by P.M Ajaya, et al., pages 1212-1214 in the <i>SCIENCE</i> magazine Vo. 265 published in 1994 | | | | |
| or | "Aligned Carbon Nanotube Films: Production and Optical and Electronic Properties" by Walt A. de Heer, et al., pages 845-847 in the <i>SCIENCE</i> magazine Vo. 268 published in 1995 | | | | |
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| or | 6-24-05 | | | | |
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| Substitute for form 1449B/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Application Number | 10/028,231 |
| | | | | Filing Date | December 21, 2001 |
| | | | | First Named Inventor | Colbert, et al. |
| | | | | Group Art Unit | 2881 |
| | | | | Examiner Name | Unknown |
| | | | | Attorney Docket Number | 11321-P011C1D1 |
| Sheet | 2 | of | 2 | | |

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| Examiner Signature | <i>Glenn R. Phyll</i> | Date Considered | 6-29-05 |
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